

[Generate Collection](#)[Print](#)**Search Results - Record(s) 11 through 13 of 13 returned.**

- 
11. [5871928](#). 11 Jun 97; 16 Feb 99. Methods for nucleic acid analysis. Fodor; Stephen P. A., et al. 435/6; 536/24.3 536/24.31 536/24.32. C12Q001/68 C12P019/34 C07H021/02 C07H021/04.
- 
12. [5800992](#). 25 Jun 96; 01 Sep 98. Method of detecting nucleic acids. Fodor; Stephen P.A., et al. 435/6; 536/24.3. C12Q001/68 C07H021/02 C07H021/04.
- 
13. [5554502](#). 05 Nov 93; 10 Sep 96. Process for determining nuclease activity. Mitsuhashi; Masato, et al. 435/6; 435/4 435/7.4 436/172 436/800. C12Q001/00 C12Q001/68 G01N021/76 C12N015/00.
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Term	Documents
DETECT.DWPI,EPAB,JPAB,USPT.	957080
DETECTS.DWPI,EPAB,JPAB,USPT.	556826
DNA.DWPI,EPAB,JPAB,USPT.	120723
DNAS.DWPI,EPAB,JPAB,USPT.	13984
RNA.DWPI,EPAB,JPAB,USPT.	51932
RNAS.DWPI,EPAB,JPAB,USPT.	8688
QUANTIFICAT\$3	0
QUANTIFICATE.DWPI,EPAB,JPAB,USPT.	3
QUANTIFICATED.DWPI,EPAB,JPAB,USPT.	13
QUANTIFICATIN.DWPI,EPAB,JPAB,USPT.	1
QUANTIFICATING.DWPI,EPAB,JPAB,USPT.	1
(L2 AND ((DETECT OR QUANTIFICAT\$3) NEAR5 (DNA OR RNA))).USPT,JPAB,EPAB,DWPI	13

[There are more results than shown above. Click here to view the entire set.](#)

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**Search Results - Record(s) 1 through 10 of 13 returned.**

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1. 6492325. 15 Apr 99; 10 Dec 02. Use of .alpha.1.beta.1 integrin receptor inhibitors and TGF-.beta.1 inhibitors in the treatment of kidney disease. Cosgrove; Dominic. 514/2; 424/130.1. A61K038/00 A61K039/395.
- 
2. 6451536. 27 Sep 00; 17 Sep 02. Products for detecting nucleic acids. Fodor; Stephen P. A., et al. 435/6; 435/288.3 536/23.1 536/24.3. C12Q001/68 C12M001/34 C07H021/04 C07H021/02.
- 
3. 6440667. 28 Jul 99; 27 Aug 02. Analysis of target molecules using an encoding system. Fodor; Stephen P. A., et al. 435/6; 435/287.2 435/288.3 435/7.1 530/300 530/350 530/387.1 536/23.1 536/24.3. C12Q001/68 G01N033/53 C12M001/34 C07H021/04 A61K038/00.
- 
4. 6416952. 01 Sep 00; 09 Jul 02. Photolithographic and other means for manufacturing arrays. Pirrung; Michael C., et al. 435/6; 435/91.2. C12Q001/68 C12P019/34.
- 
5. 6403320. 05 Oct 00; 11 Jun 02. Support bound probes and methods of analysis using the same. Read; J. Leighton, et al. 435/6; 435/7.1. C12Q001/68.
- 
6. 6395491. 02 Jun 00; 28 May 02. Method of information storage and recovery. Fodor; Stephen P. A., et al. 435/6; 435/287.2 435/288.3 435/288.4 435/288.7 435/91.1 536/24.3 536/25.3. C12Q001/68 C12P019/34 C07H024/04 C12M001/34.
- 
7. 6379895. 01 Sep 00; 30 Apr 02. Photolithographic and other means for manufacturing arrays. Fodor; Stephen P. A., et al. 435/6; 435/91.2. C12Q001/68 C12P019/34.
- 
8. 6355432. 02 Jun 00; 12 Mar 02. Products for detecting nucleic acids. Fodor; Stephen P. A., et al. 435/6; 435/287.2 435/288.3 435/7.1 530/300 530/350 530/387.1 536/23.1 536/24.3. C12Q001/68 G01N033/53 C12M001/34 C07H021/04 A61K038/00.
- 
9. 6197506. 08 Apr 98; 06 Mar 01. Method of detecting nucleic acids. Fodor; Stephen P. A., et al. 435/6; 435/91.2. C12Q001/68 C12P019/34.
- 
10. 5925525. 03 Apr 98; 20 Jul 99. Method of identifying nucleotide differences. Fodor; Stephen P. A., et al. 435/6; 536/24.3 536/24.33. C12Q001/68 C07H021/04 C07H021/02.
-

**End of Result Set** 

L3: Entry 13 of 13

File: USPT

Sep 10, 1996

DOCUMENT-IDENTIFIER: US 5554502 A  
TITLE: Process for determining nuclease activity

Detailed Description Text (2):

The present invention relates to a series of discoveries we made concerning the influence of Yoyo-1 on nuclease activity. As discussed above, older-type intercalating dyes, such as ethidium bromide, have a variety of effects on nuclease activity depending on the nuclease and the state of the DNA. We conducted a series of experiments on the effects of Yoyo-1, a newer benzoxazolium-4-quinolinium dye, on nuclease activity. While it has been known that Yoyo-1 could be used to detect DNA and RNA in a quantitative manner, it was unknown whether intact nucleic acid-Yoyo-1 complex fluorescence was different than digested nucleic acid-Yoyo-1 complex fluorescence. It was also unknown whether nucleases could digest DNA or RNA-Yoyo-1 complexes or if such digestion occurred in a quantitative manner.

Detailed Description Text (33):

Effect on Fluorescence of Drying Nucleic Acid-Yoyo-1 Complex Before Resuspending and Treating with Nuclease

o 2/764,050  
**WEST**

## Freeform Search

<b>Database:</b> <div style="border: 1px solid black; padding: 2px; width: 200px; height: 100px; overflow: auto;">         US Patents Full-Text Database          US Pre-Grant Publication Full-Text Database          JPO Abstracts Database          EPO Abstracts Database          Derwent World Patents Index          IBM Technical Disclosure Bulletins       </div> <b>Term:</b> <div style="border: 1px solid black; padding: 2px; width: 200px; height: 100px; overflow: auto;">         L2 and ((detect or quantificat\$3) near5 (DNA or RNA))       </div> <b>Display:</b> <input type="text" value="10"/> Documents in <u>Display Format:</u> <input type="text" value="-"/> Starting with Number <input type="text" value="1"/> <b>Generate:</b> <input type="radio"/> Hit List <input checked="" type="radio"/> Hit Count <input type="radio"/> Side by Side <input type="radio"/> Image
<input type="button" value="Search"/> <input type="button" value="Clear"/> <input type="button" value="Help"/> <input type="button" value="Logout"/> <input type="button" value="Interrupt"/>
<a href="#">Main Menu</a>   <a href="#">Show S Numbers</a>   <a href="#">Edit S Numbers</a>   <a href="#">Preferences</a>   <a href="#">Cases</a>

### Search History

**DATE:** Thursday, February 27, 2003 [Printable Copy](#) [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=USPT,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
<u>L3</u>	L2 and ((detect or quantificat\$3) near5 (DNA or RNA))	13	<u>L3</u>
<u>L2</u>	fluorescen\$2 near5 dry\$3	870	<u>L2</u>
<i>DB=DWPI,USPT,EPAB,JPAB; PLUR=YES; OP=ADJ</i>			
<u>L1</u>	fluorescen\$2 and dry\$3	40660	<u>L1</u>

END OF SEARCH HISTORY

**WEST****Freeform Search**

**Database:**

**Term:**

**Display:**  **Documents in Display Format:**  **Starting with Number**

**Generate:**  Hit List  Hit Count  Side by Side  Image

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**Search History**

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**DATE:** Friday, February 28, 2003 [Printable Copy](#) [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=DWPI,USPT,EPAB,JPAB; PLUR=YES; OP=ADJ</i>			
<u>L3</u>	dry near5 fluorometry	4	<u>L3</u>
<i>DB=USPT,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
<u>L2</u>	L1 and dry\$3 and fluorescen\$2	1	<u>L2</u>
<u>L1</u>	5800992.pn.	2	<u>L1</u>

END OF SEARCH HISTORY

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1. 5336599. 15 Dec 93; 09 Aug 94. Method of measuring analyte using dry analytical element.

Kitajima; Masao. 435/15; 422/58 435/16 435/4 436/164 436/165 436/170 436/63. C12Q001/48  
G01N031/22 G01N021/77.

2. 4956146. 10 Mar 89; 11 Sep 90. Dry analytical element and process for producing the same.

Yuhki; Hirokazu, et al. 422/56; 422/57 435/28 435/805 436/135 436/169 436/170 436/904. G01N033/00  
G01N021/77 C12Q001/28.

3. JP 2001033440 A. 26 Jul 99. 09 Feb 01. DETECTING/QUANTITATIVE DETERMINATION  
METHOD FOR MULTIPLE-CHAIN NUCLEIC ACID BY DRY FLUOROMETRY. OKAMOTO,  
HISASHI, et al. G01N033/50; C12N015/09 C12Q001/68 G01N021/78.

4. JP 2001033439 A. 26 Jul 99. 09 Feb 01. DETECTING/QUANTITATIVE DETERMINATION  
METHOD FOR TARGET NUCLEIC ACID DRY FLUOROMETRY. OKAMOTO, HISASHI, et al.  
G01N033/50; C12N015/09 C12Q001/68 G01N021/78.

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Term	Documents
DRY.DWPI,EPAB,JPAB,USPT.	704368
DRIES.DWPI,EPAB,JPAB,USPT.	20814
DRYS.DWPI,EPAB,JPAB,USPT.	798
FLUOROMETRY DWPI,EPAB,JPAB,USPT.	1141
FLUOROMETRIES	0
FLUOROMETRYS	0
(FLUOROMETRY NEAR5 DRY).DWPI,USPT,EPAB,JPAB.	4
(DRY NEAR5 FLUOROMETRY).DWPI,USPT,EPAB,JPAB.	4

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